

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 82 | ladder with compil\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 09:59 |
| S2 | 0 | ladder with compil\$ and "dead code" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 09:09 |
| S3 | 15 | ladder with compil\$ and optimi\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 09:52 |
| S4 | 7 | "programmable logic controller" with pipeline | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 09:55 |
| S5 | 1 | "programmable logic controller" and pipeline with cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 09:52 |
| S6 | 11 | plc and pipelin\$3 with cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:18 |
| S7 | 0 | (logic adj1 controller).ti. and pipelin\$3 with cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:18 |
| S8 | 2 | (logic adj1 controller).ti. and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:29 |
| S9 | 0 | (\$1lc).ti. and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:27 |

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| S10 | 0 | (plc slc).ti. and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:27 |
| S11 | 4 | (plc slc).ab. and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:28 |
| S12 | 5 | (plc slc).ab. and pipelin\$3 with cache | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:28 |
| S13 | 2 | (logic adj1 controller).ab. and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:29 |
| S14 | 2 | (logic adj1 controller).ab. and pre-fetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 10:39 |
| S15 | 71 | compil\$7 with plc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 11:25 |
| S16 | 76 | compil\$7 and (plc.ti. plc.ab.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 11:26 |
| S17 | 0 | ((compil\$7 with plc) (compil\$7 and (plc.ti. plc.ab.))) and prefetch\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 11:26 |
| S18 | 19 | ((compil\$7 with plc) (compil\$7 and (plc.ti. plc.ab.))) and pipelin\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:23 |
| S19 | 1221 | (plc "programmable logic") with (general-purpose (general adj1 purpose)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:24 |

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| S20 | 339 | (plc "programmable logic") with (general-purpose (general adj1 purpose)) with microprocessor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:24 |
| S21 | 89 | (plc "programmable logic") with (general-purpose (general adj1 purpose)) adj1 microprocessor | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/11 14:28 |
| S22 | 342 | 717/124.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:24 |
| S23 | 210 | 717/136.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:24 |
| S24 | 295 | 717/140.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:24 |
| S25 | 225 | 717/141.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |
| S26 | 74 | 717/142.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |
| S27 | 192 | 717/143.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |
| S28 | 232 | 717/151.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |
| S29 | 82 | 717/152.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |

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| S30 | 108 | 717/153.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:25 |
| S31 | 285 | 717/168.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:26 |
| S32 | 65 | 717/172.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:27 |
| S33 | 328 | 712/32.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:28 |
| S34 | 170 | 712/206.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:28 |
| S35 | 363 | 712/207.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:28 |
| S36 | 220 | 711/140.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:31 |
| S37 | 395 | 326/37.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:31 |
| S38 | 271 | 326/46.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:32 |
| S39 | 2270 | 700/11.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:32 |

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| S40 | 249 | 700/18.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/05/13 14:32 |
| S41 | 37 | ladder with high-level | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/06/10 15:22 |
| S42 | 92 | ladder with (high-level c "c++" object-oriented) with language | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 09:04 |
| S43 | 82 | ladder with debug\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 09:19 |
| S44 | 0 | ladder with debug\$4 with window | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 09:19 |
| S45 | 3 | ladder with debug\$4 with screen | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 09:19 |
| S46 | 12 | ladder with debug\$4 with (display screen) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 09:53 |
| S47 | 104 | estimat\$4 with execut\$3 with time with table | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 10:06 |
| S48 | 16 | estimat\$4 with execut\$3 with time with array | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 10:07 |
| S49 | 888 | (estimat\$4 with execut\$3 with time).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 10:08 |

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| S50 | 151 | (estimat\$4 with execut\$3 adj1 time).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/15 10:08 |
| S51 | 50 | instruction with frequency with table with (interpret\$3 execut\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:10 |
| S52 | 2526 | instruction with frequency with (interpret\$3 execut\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:10 |
| S53 | 484 | instruction near2 frequency with (interpret\$3 execut\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:10 |
| S54 | 288 | instruction near2 frequency near2 (interpret\$3 execut\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:11 |
| S55 | 2 | instruction near2 frequency near2 (interpret\$3 execut\$3) with occurrence | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:12 |
| S56 | 13 | instruction near2 count\$3 near2 (interpret\$3 execut\$3) with occurrence | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:13 |
| S57 | 40 | instruction near2 count\$3 near2 (interpret\$3 execut\$3) with frequen\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:13 |
| S58 | 70 | instruction near2 count\$3 with (interpret\$3 execut\$3) with frequen\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 10:13 |
| S59 | 553 | 717/124.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:48 |

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| S60 | 367 | 717/136.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S61 | 446 | 717/140.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S62 | 275 | 717/141.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S63 | 84 | 717/142.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S64 | 232 | 717/143.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S65 | 337 | 717/151.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S66 | 102 | 717/152.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S67 | 141 | 717/153.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:45 |
| S68 | 475 | 717/168.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:49 |
| S69 | 110 | 717/172.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |

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| S70 | 365 | 712/32.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S71 | 189 | 712/206.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S72 | 422 | 712/207.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S73 | 245 | 711/140.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S74 | 447 | 326/37.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S75 | 313 | 326/46.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S76 | 2306 | 700/11.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S77 | 310 | 700/18.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/19 15:46 |
| S78 | 3638 | table with (instruction (op-code opcode) mnemonic) with (cycles time) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 11:25 |
| S79 | 281 | table with (instruction (op-code opcode) mnemonic) with (cycles time) with (estimat\$4 calculat\$4 measur\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 11:27 |

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| S80 | 68 | table with (instruction (op-code opcode) mnemonic) with (cycles time) with (estimat\$4 calculat\$4 measur\$6) with execut\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 11:27 |
| S81 | 2 | "20020059567".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 12:20 |
| S82 | 0 | ladder with optimi\$7 same redundan\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 12:20 |
| S83 | 142 | ladder with optimi\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 12:22 |
| S84 | 21 | ladder with logic same optimi\$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/19 12:22 |
| S85 | 2 | "20020059567".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 09:51 |
| S86 | 0 | "DE10116809" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 09:51 |
| S87 | 5 | "10116809" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/05 09:51 |
| S88 | 1 | 2002-510224.NRAN. | DERWENT | OR | ON | 2006/09/05 09:53 |
| S89 | 2 | "6883080".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/11 15:23 |

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| S90 | 2 | "6496848".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/11 15:23 |
| S91 | 46 | ladder with (relay logic) with compil\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 09:59 |
| S92 | 12 | ladder with (relay logic) with optimiz\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 10:12 |
| S93 | 3 | ladder with (relay logic) with optimiz\$6 and compil\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 10:15 |
| S94 | 46 | ladder with (relay logic) with compil\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 10:29 |
| S95 | 21 | ladder with (relay logic) and redundant with (remov\$3 eliminat\$3 delet\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 10:30 |
| S96 | 377 | 700/18.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 11:51 |
| S97 | 0 | (compil\$5 with optim\$7 with control\$3 with (relay ladder sequential)).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 11:52 |
| S98 | 48 | (compil\$5 with optim\$7 with control\$3).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/15 11:52 |